

FIG. 1

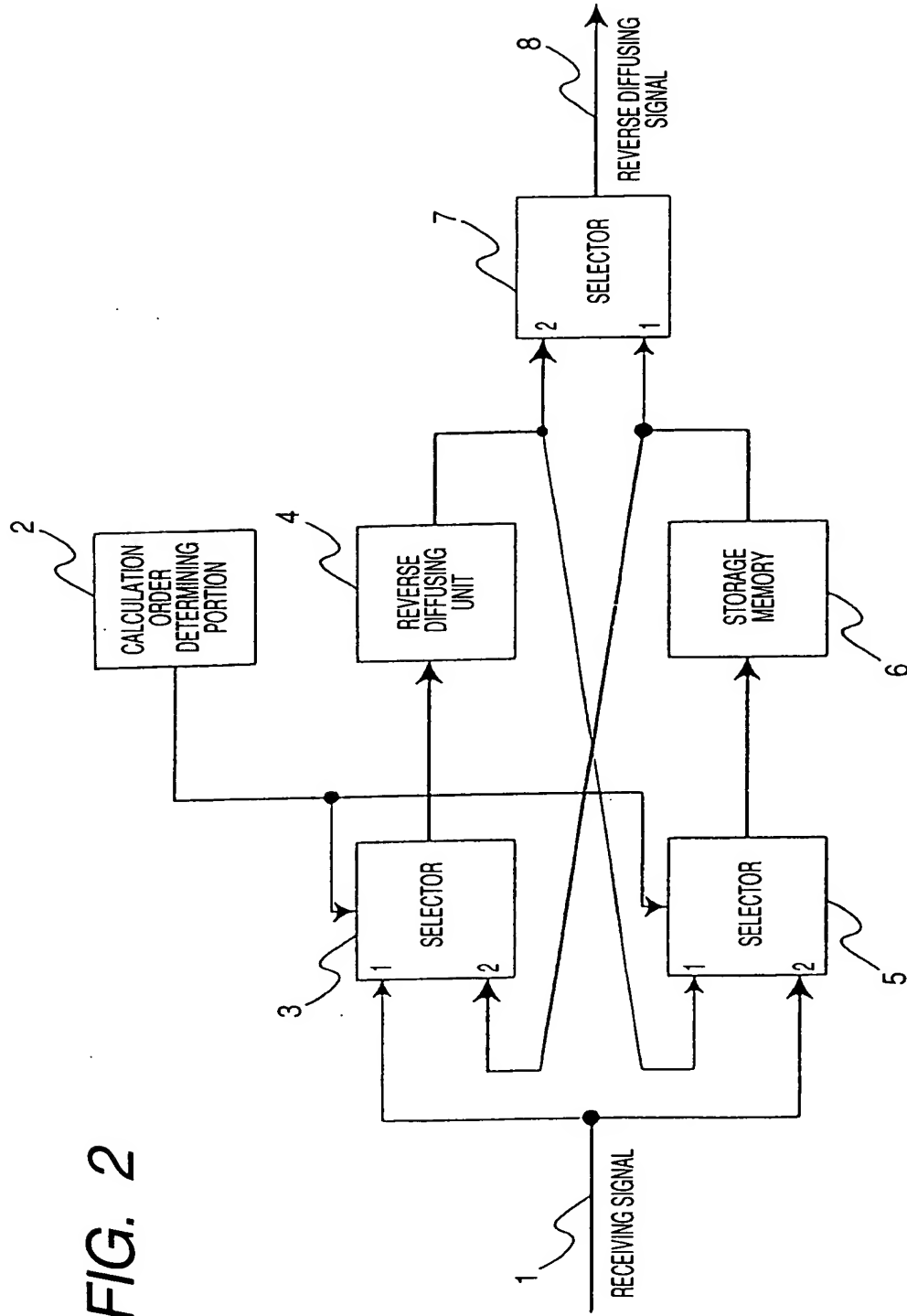


FIG. 3

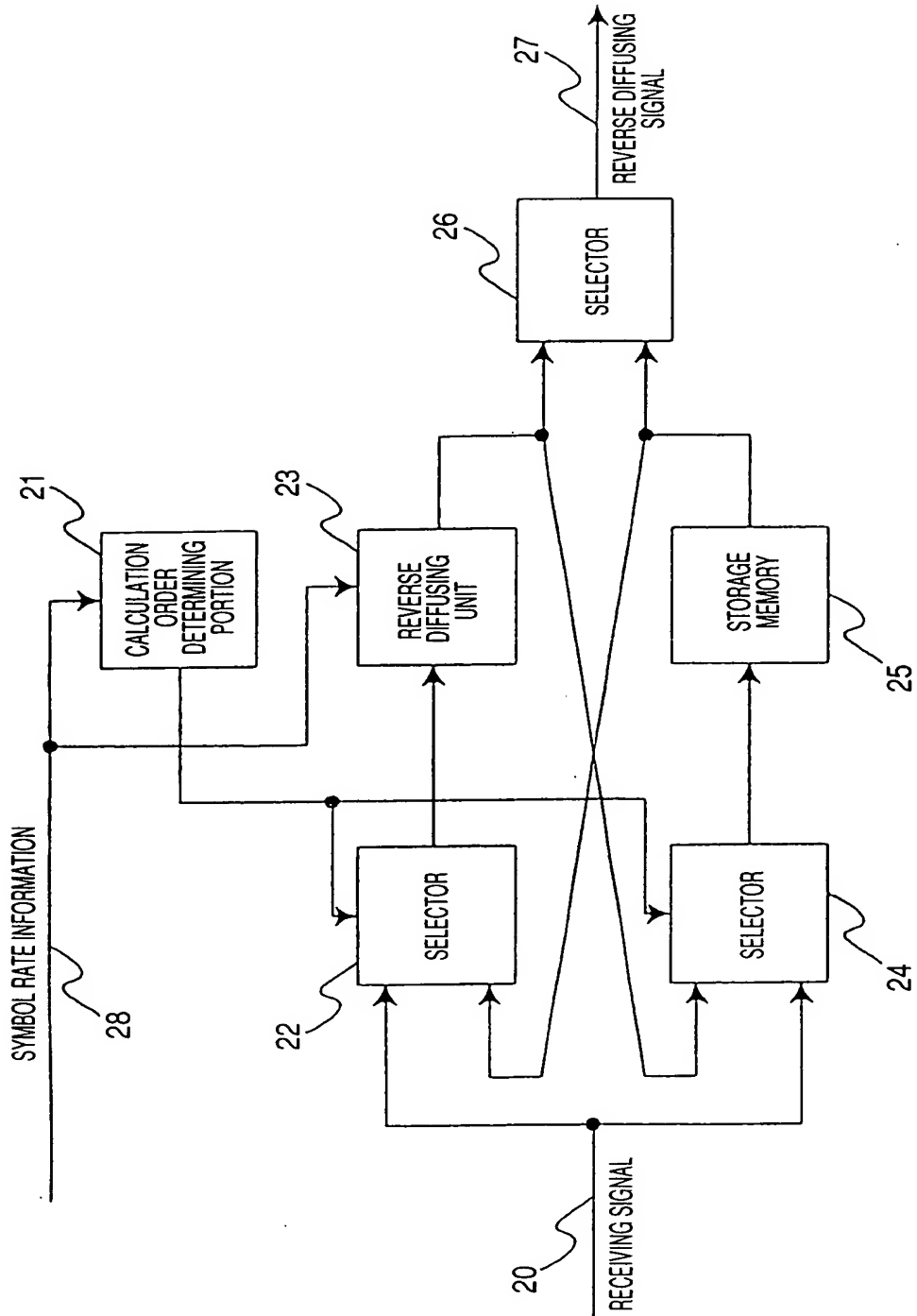


FIG. 4

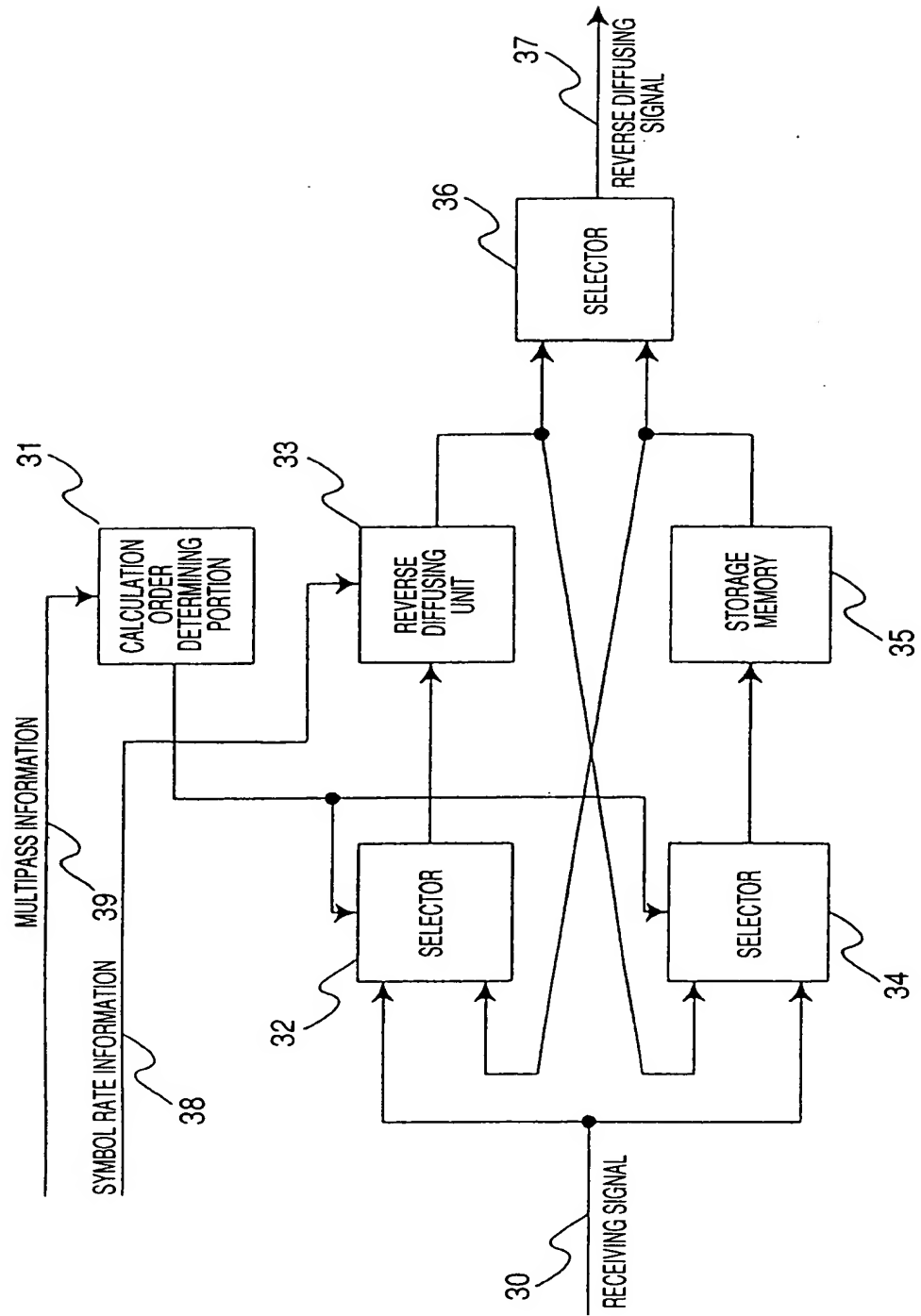
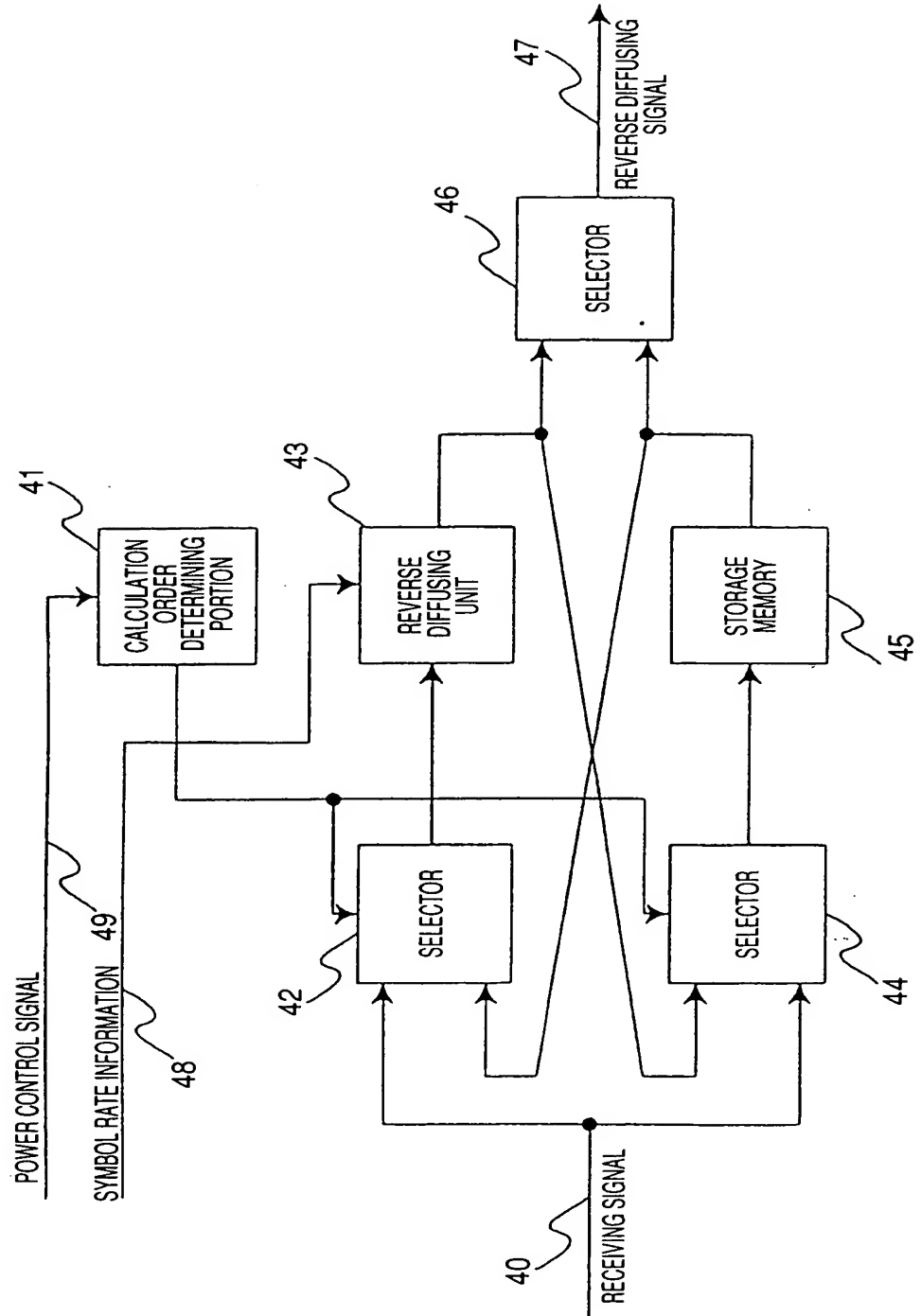


FIG. 5



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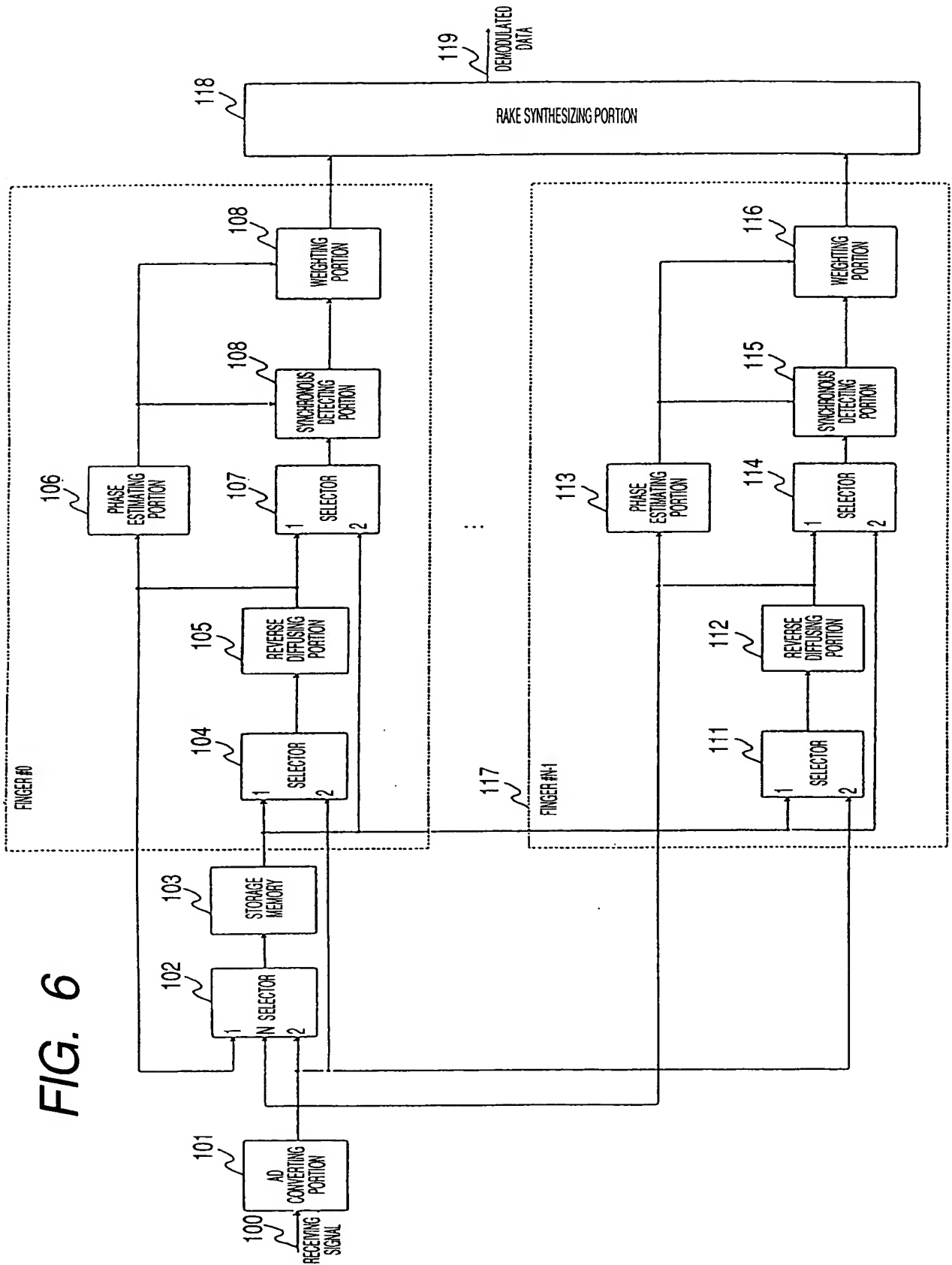
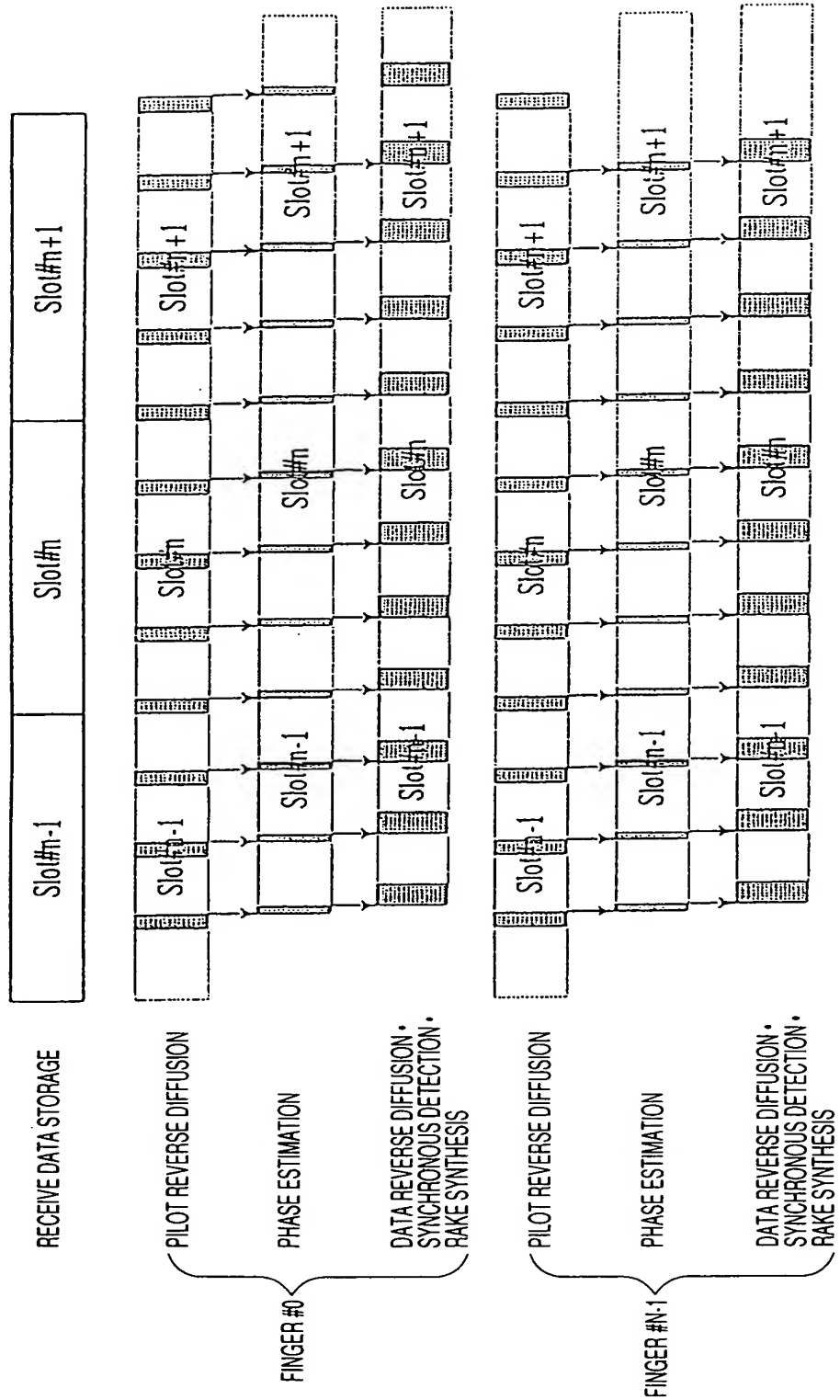


FIG. 7



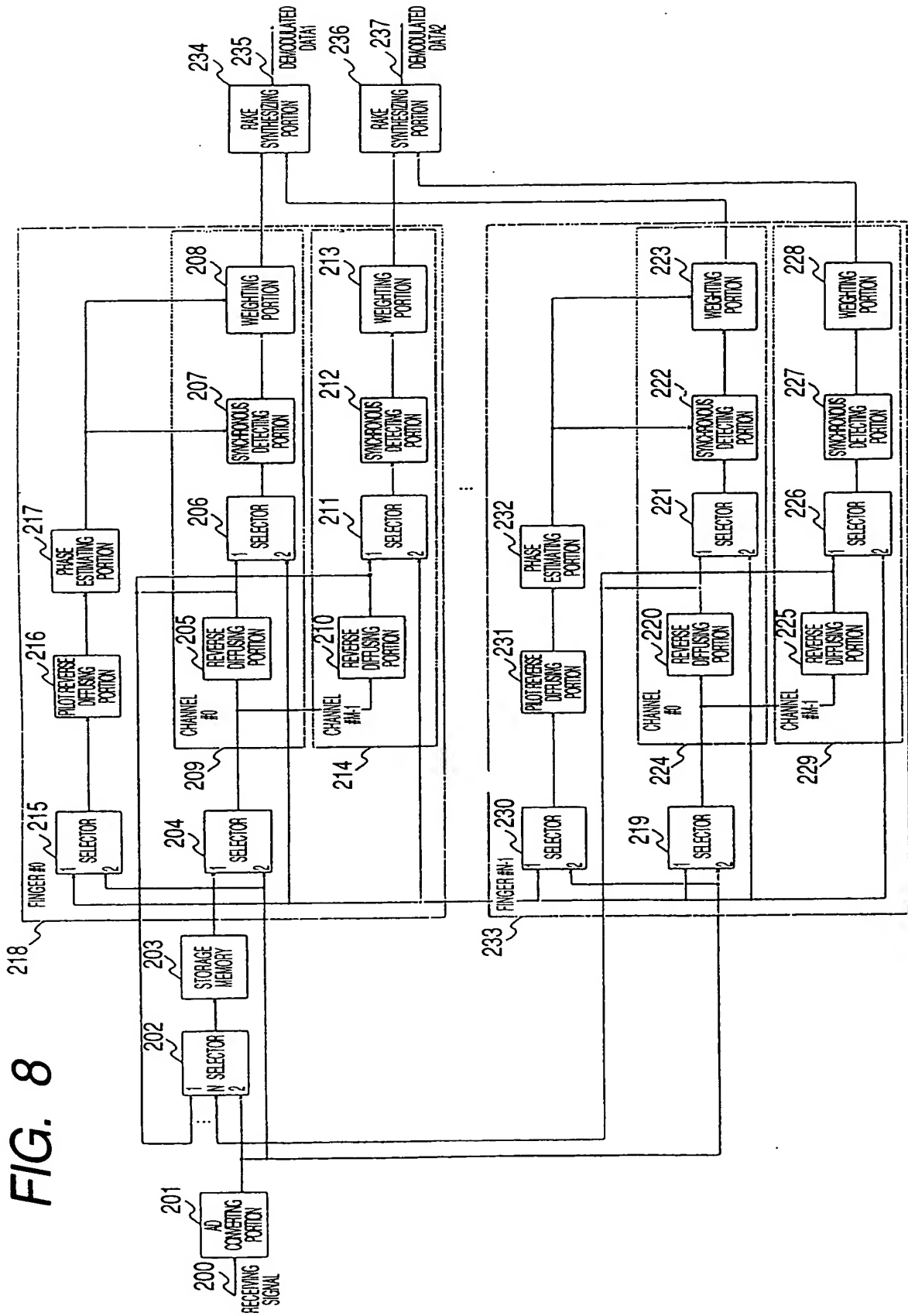
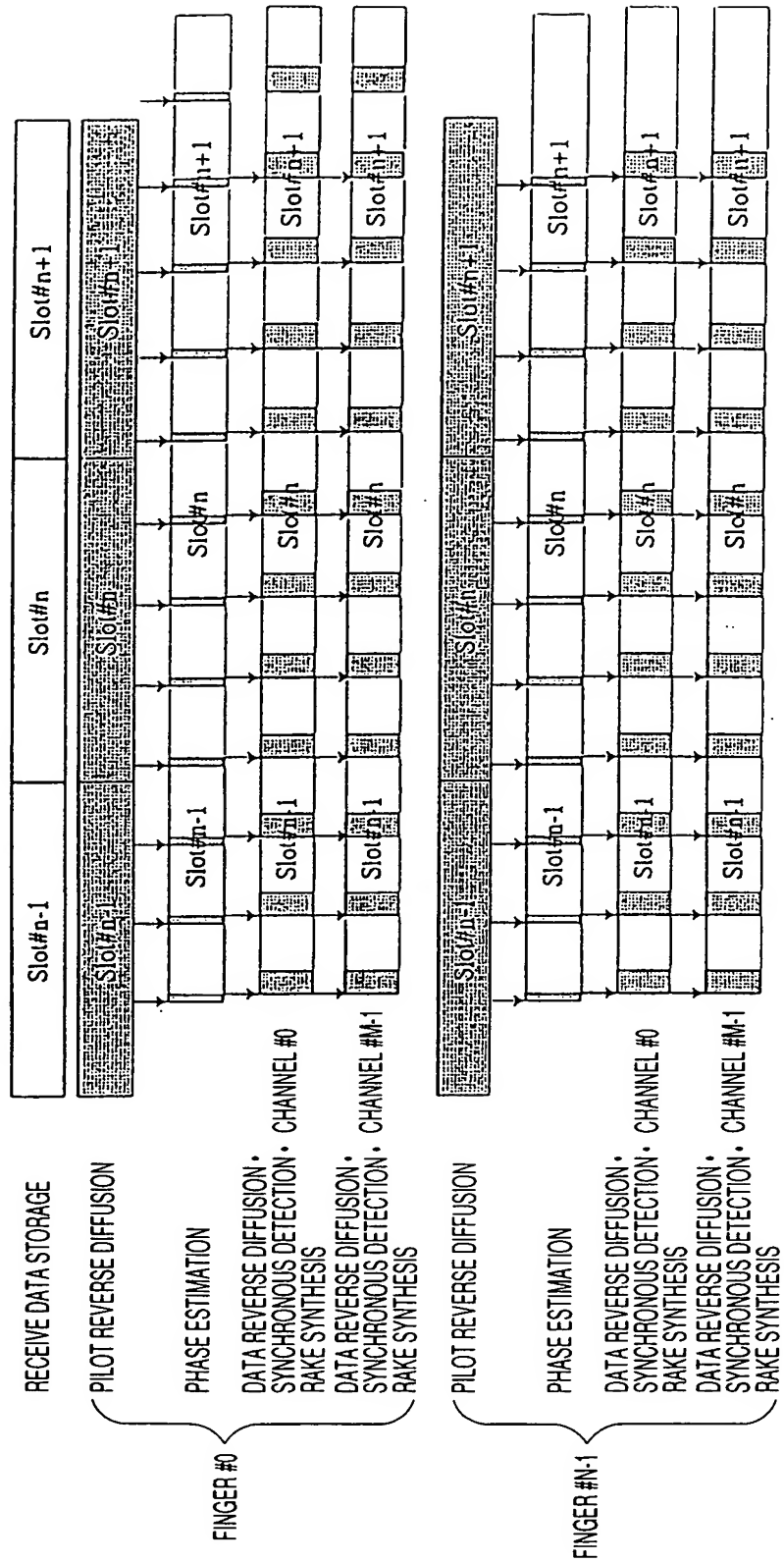


FIG. 9



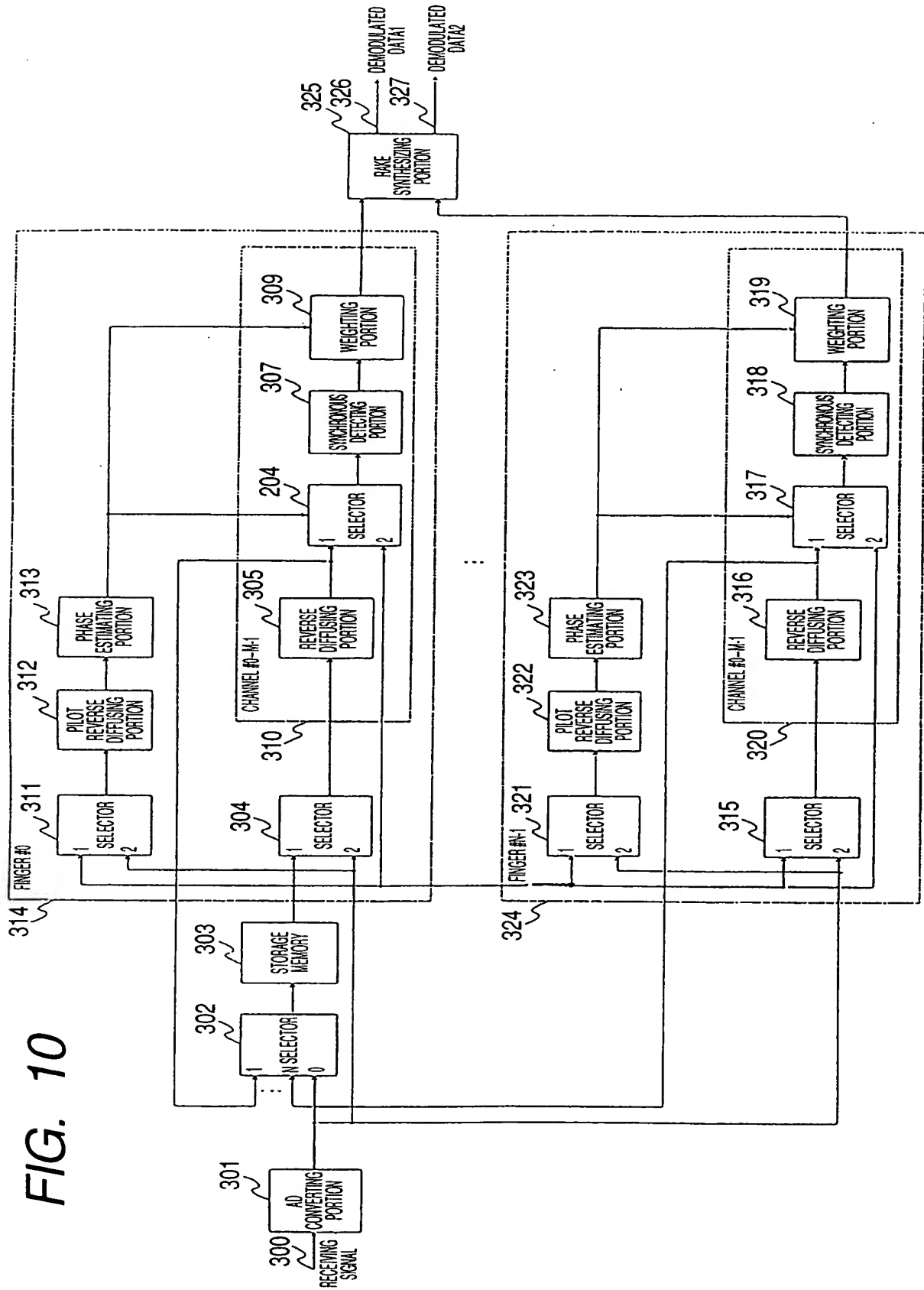
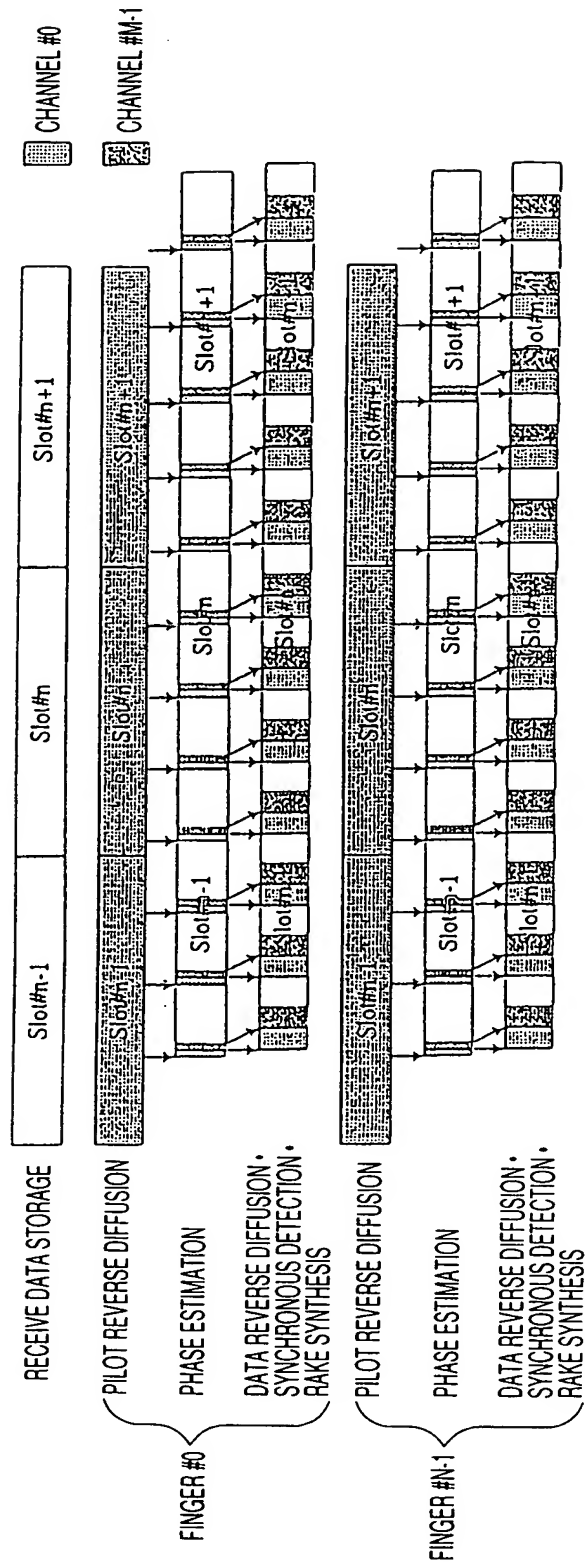


FIG. 11



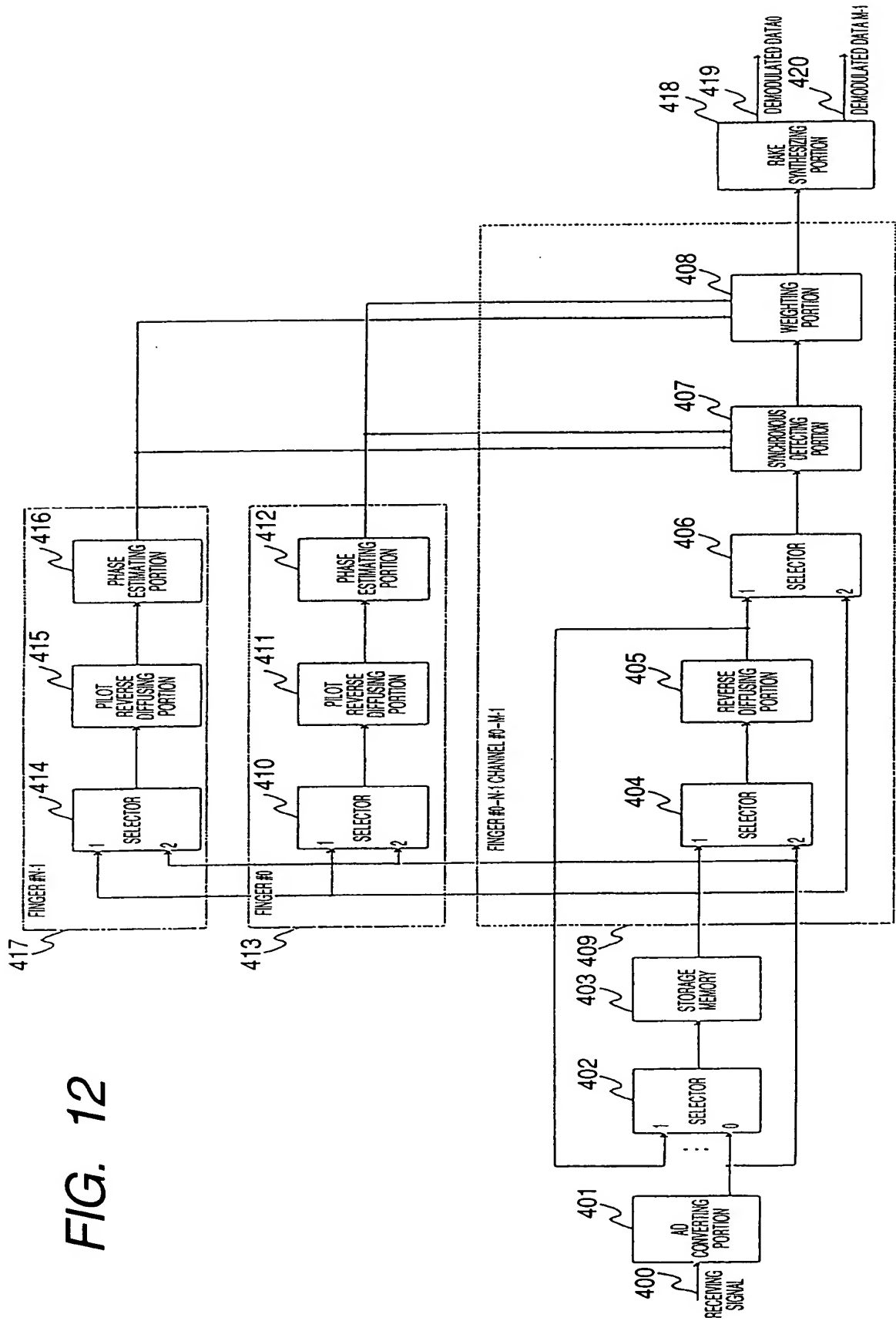
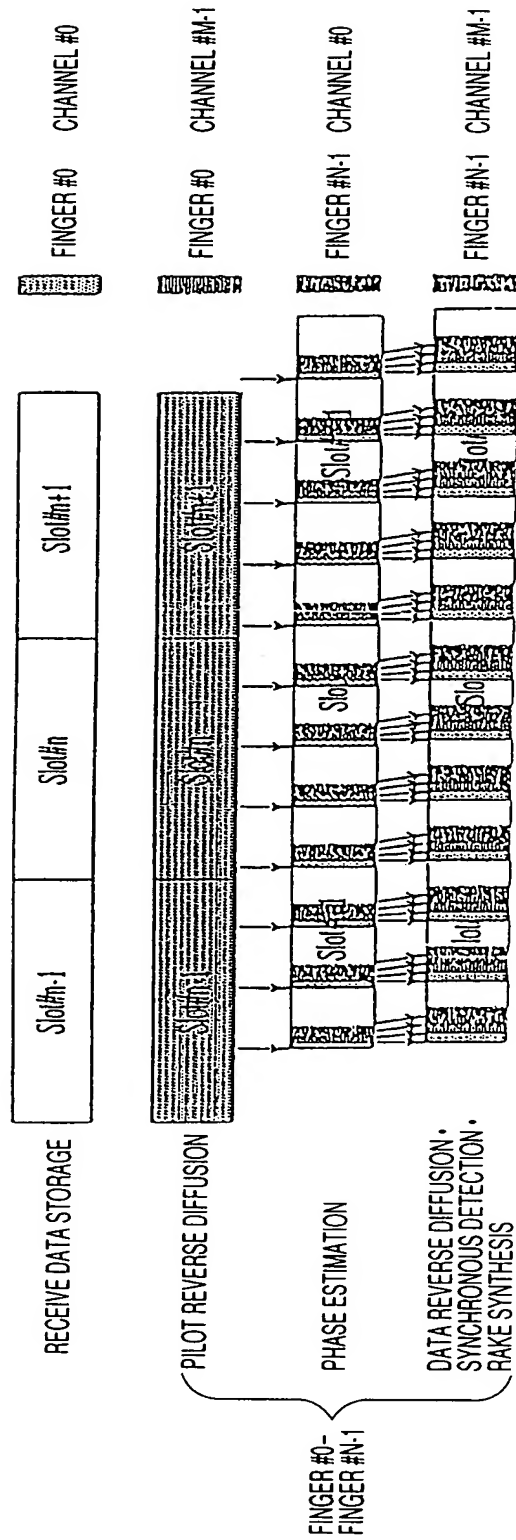
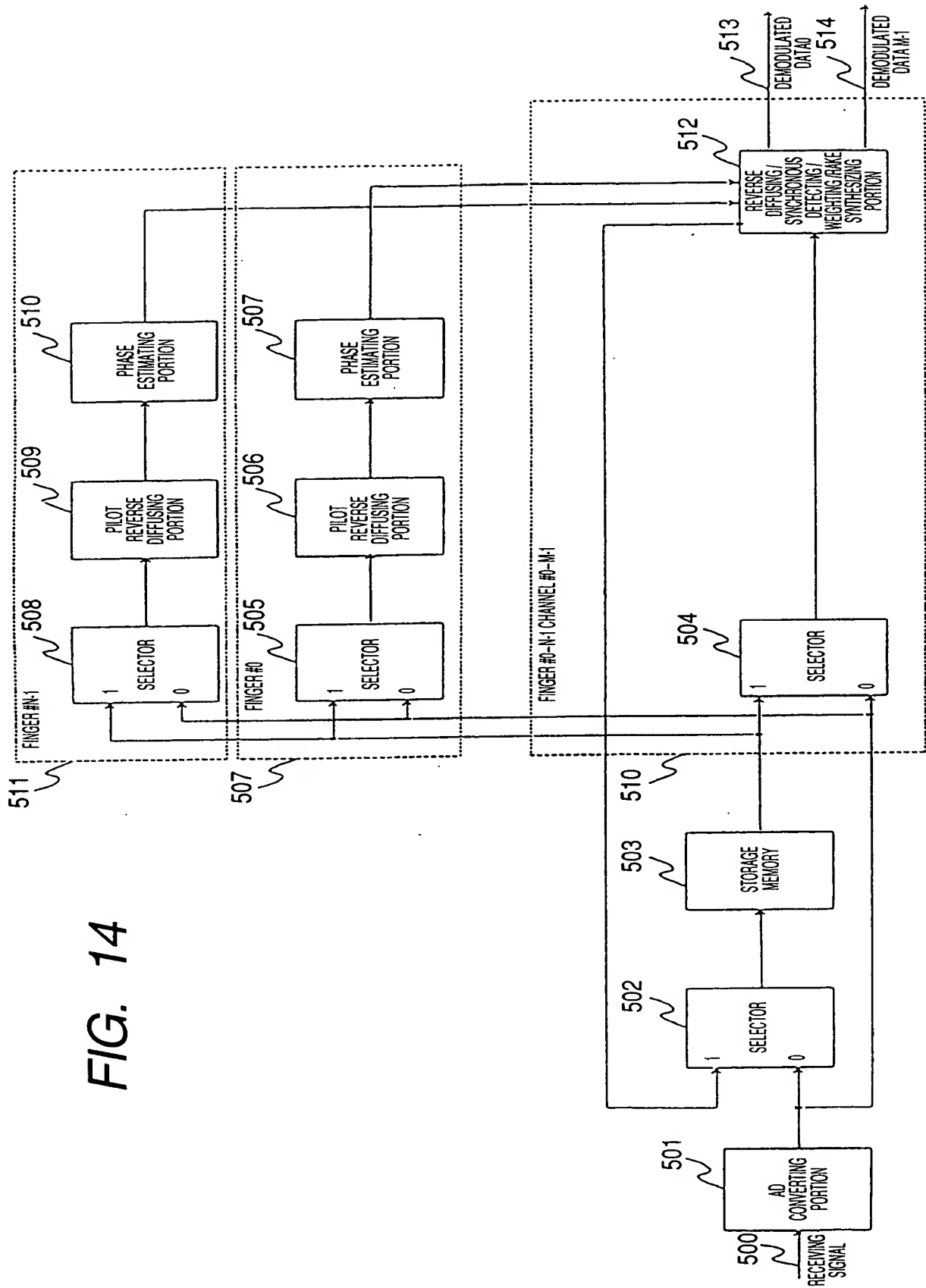


FIG. 12

FIG. 13





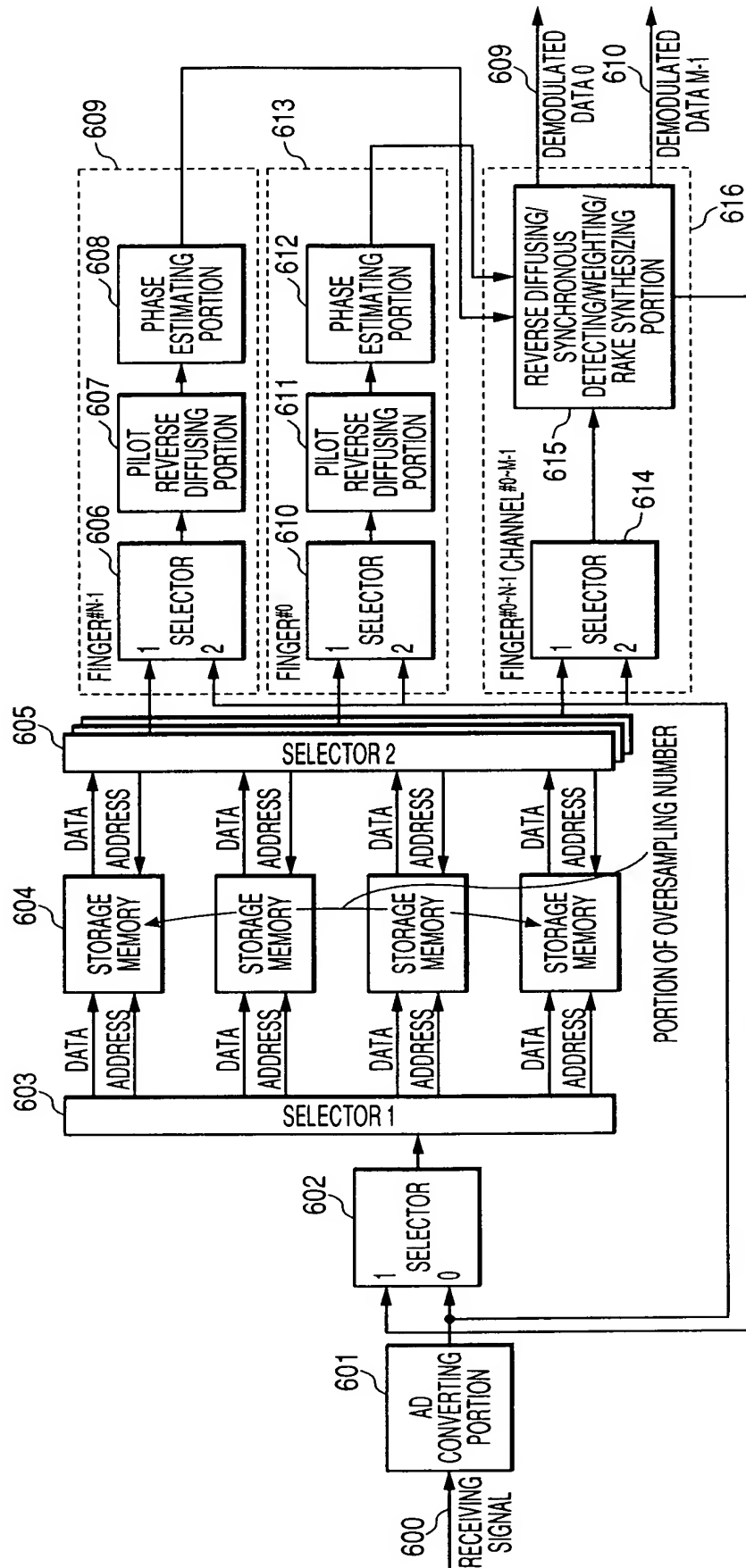


FIG. 16

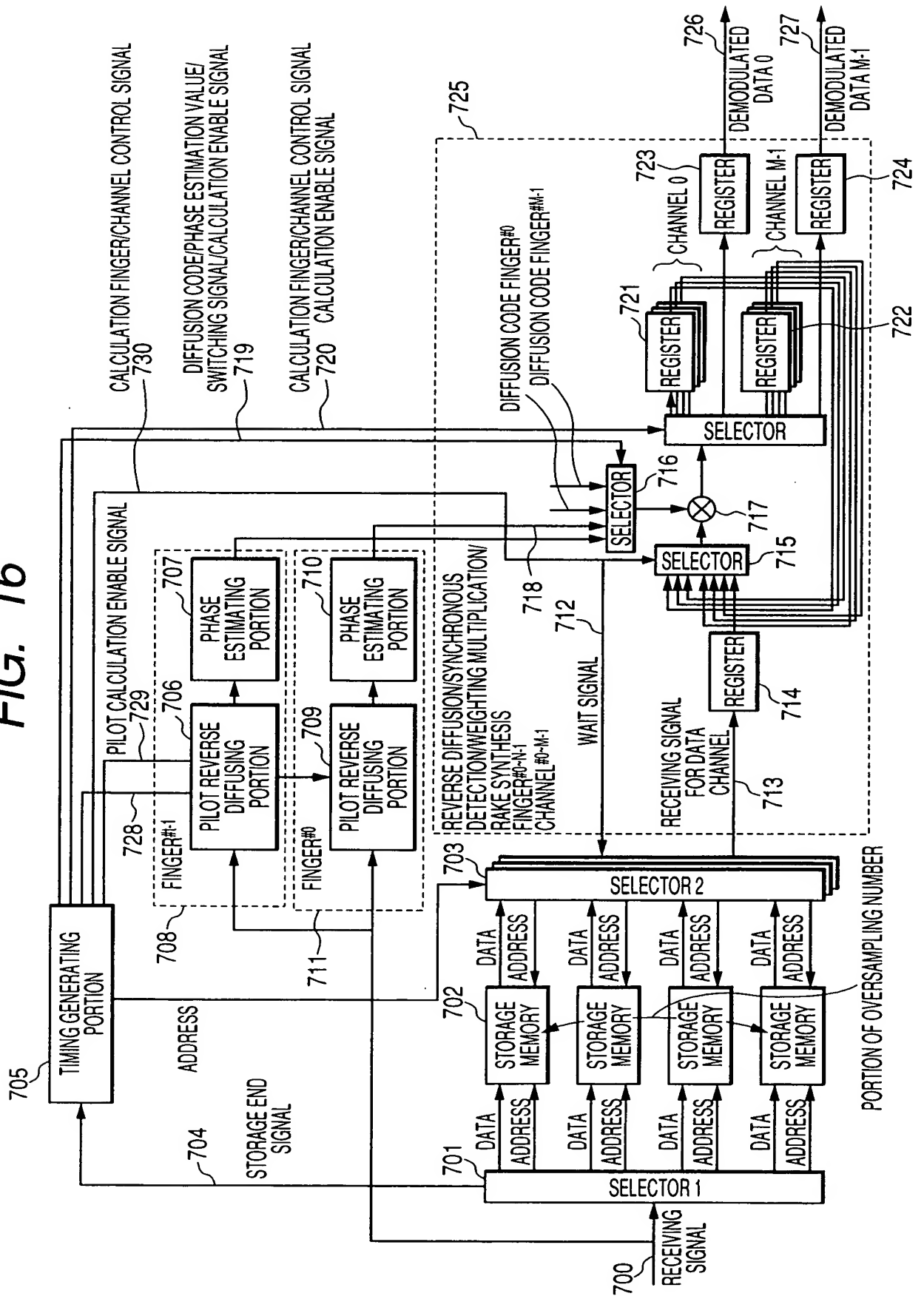
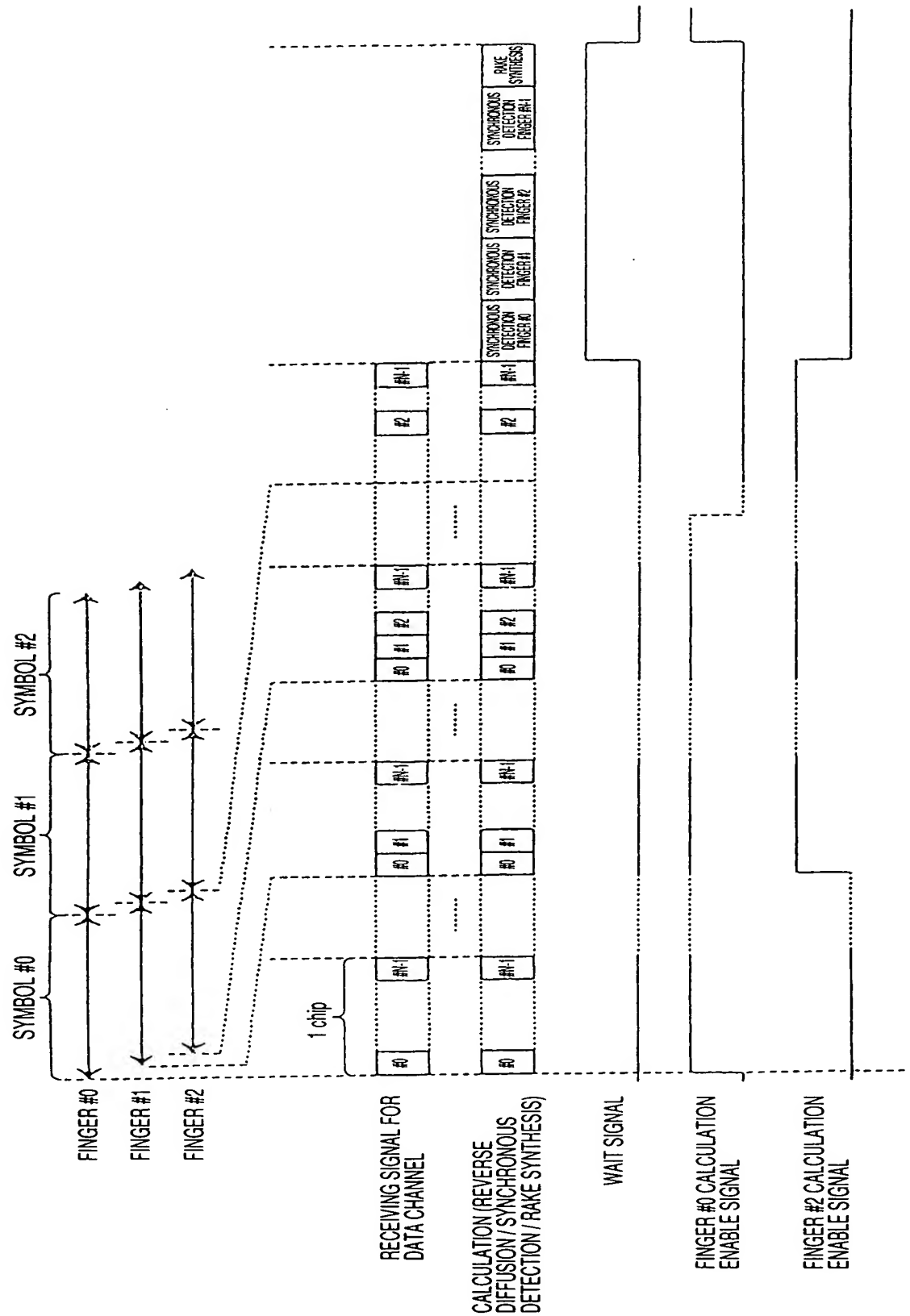


FIG. 17



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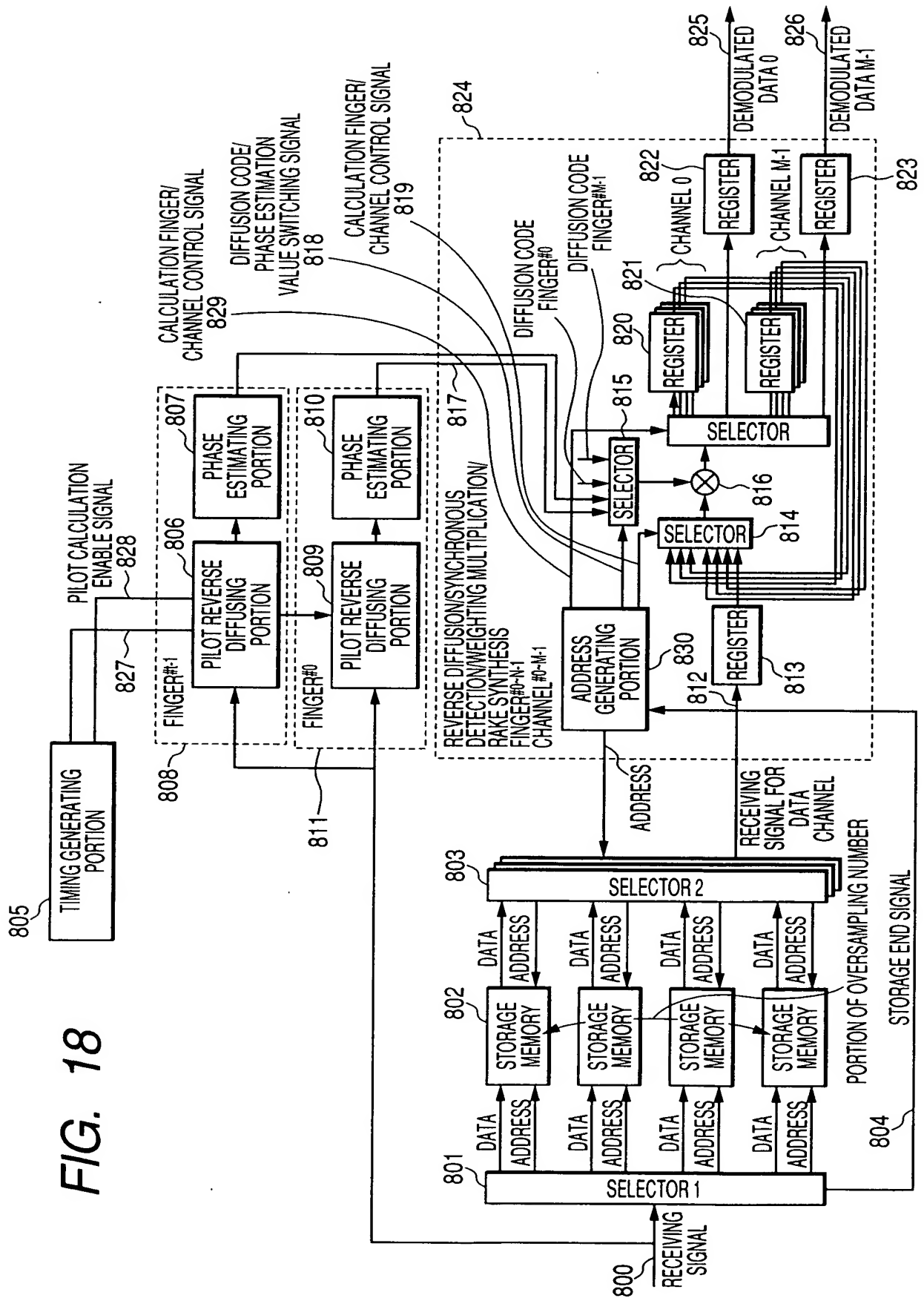


FIG. 19

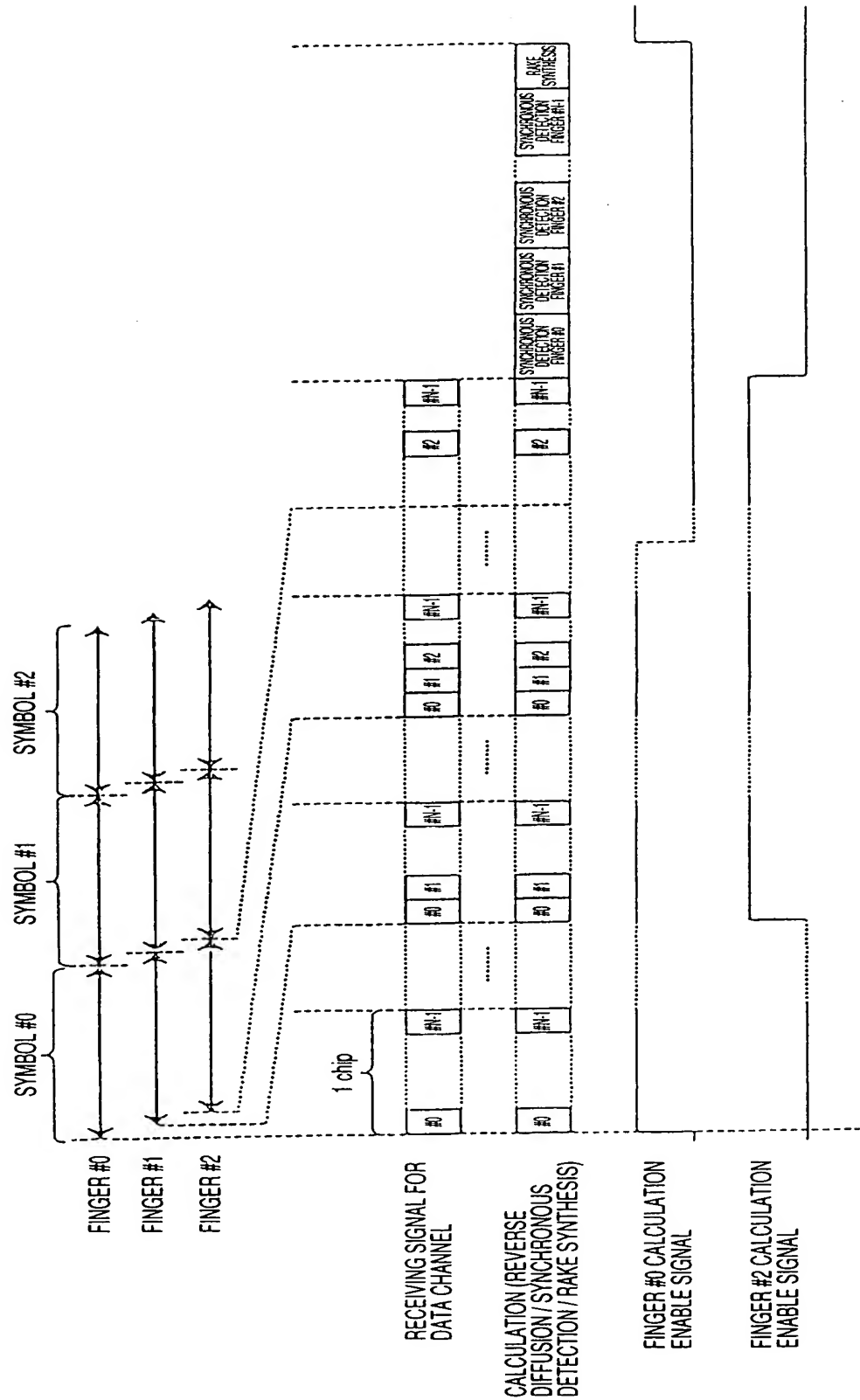
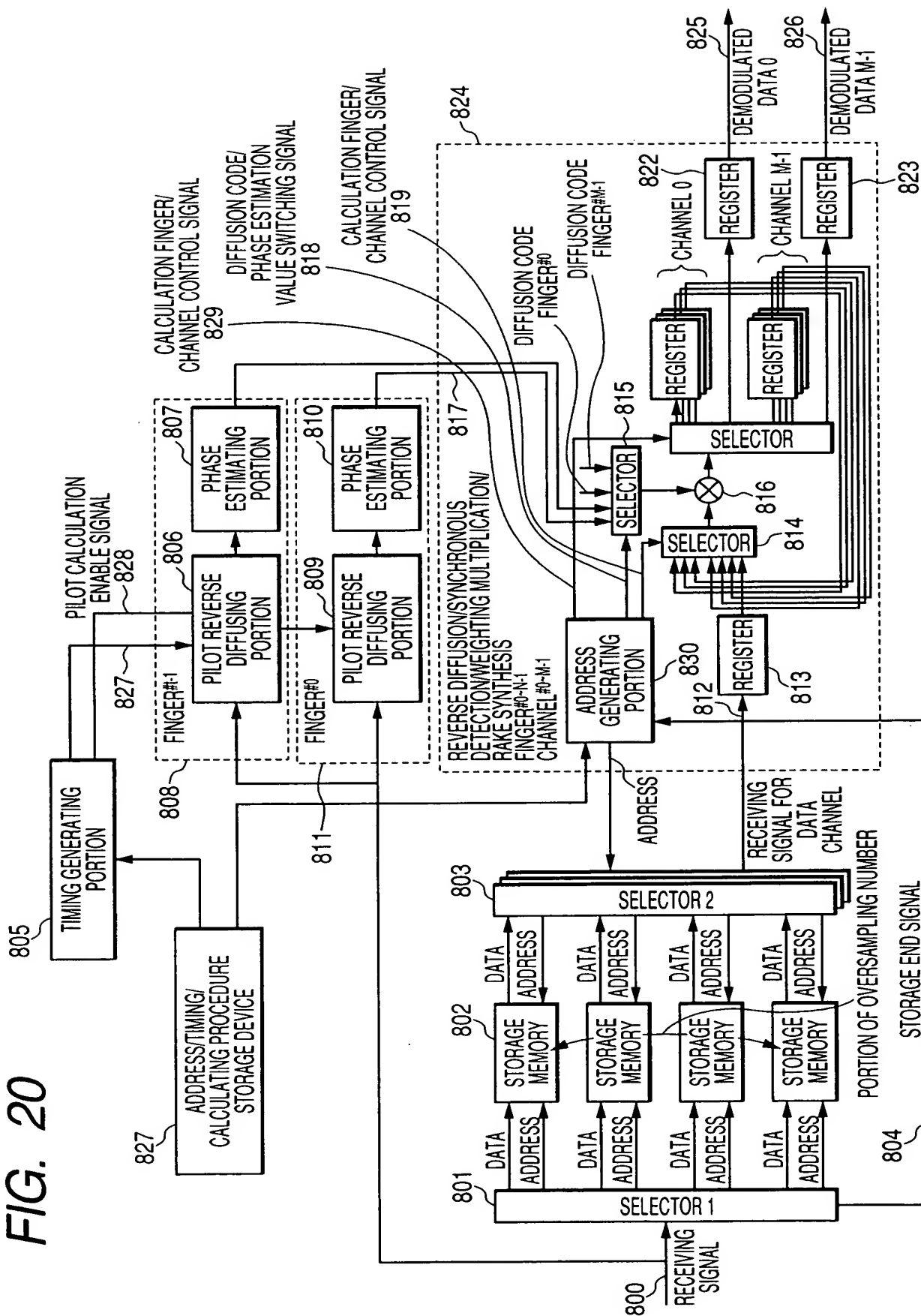


FIG. 20



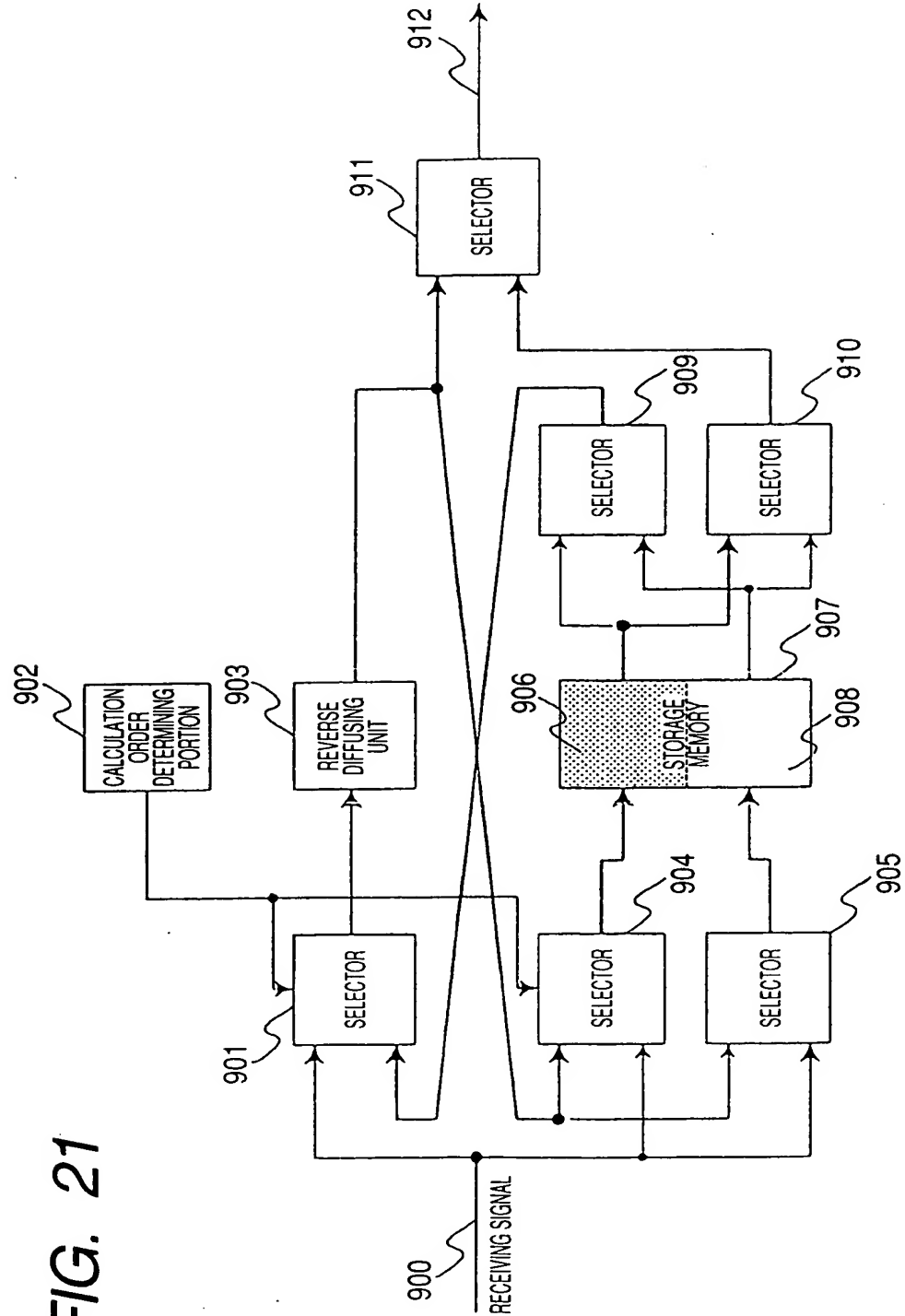


FIG. 21

FIG. 22

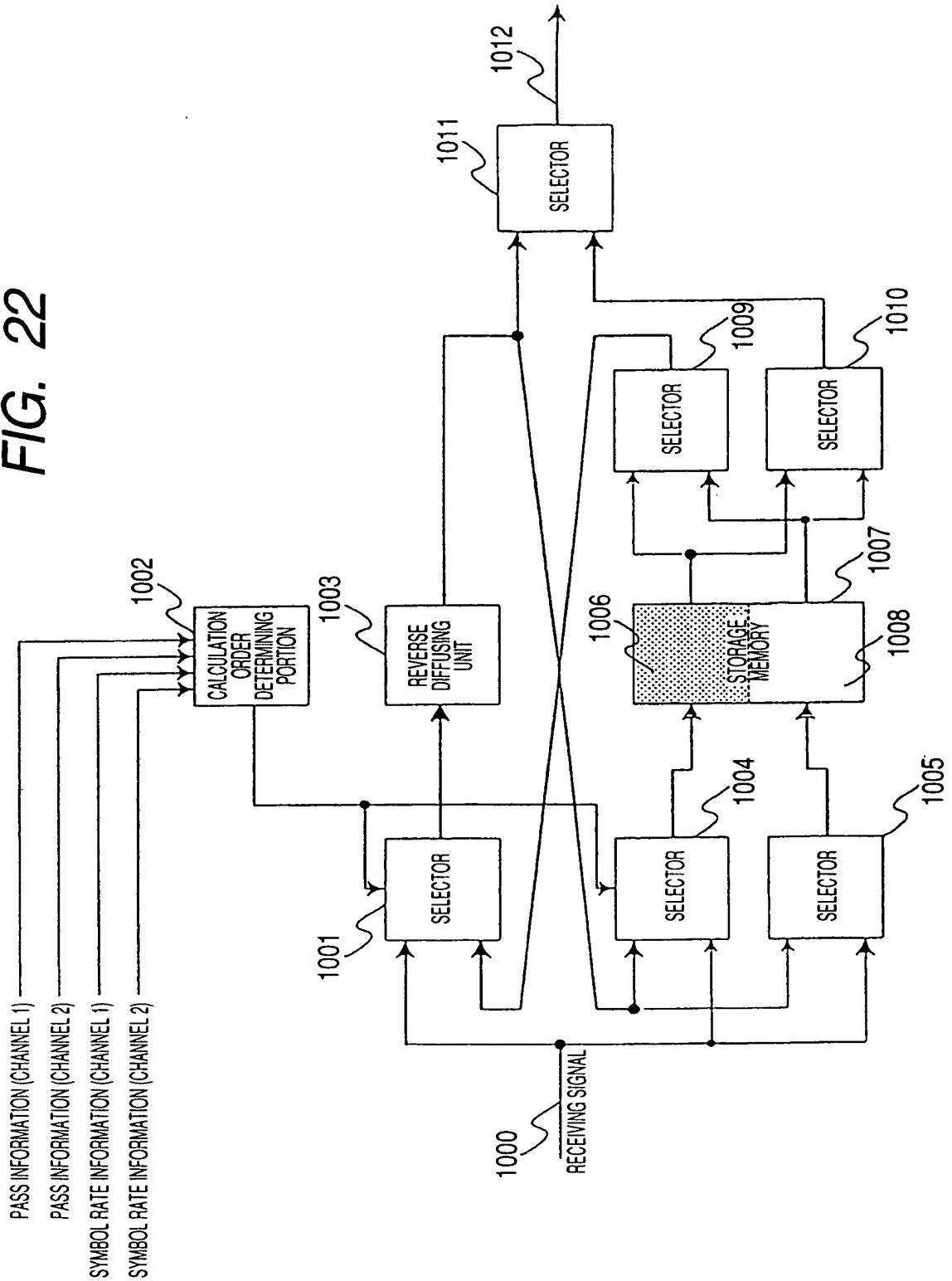


FIG. 23

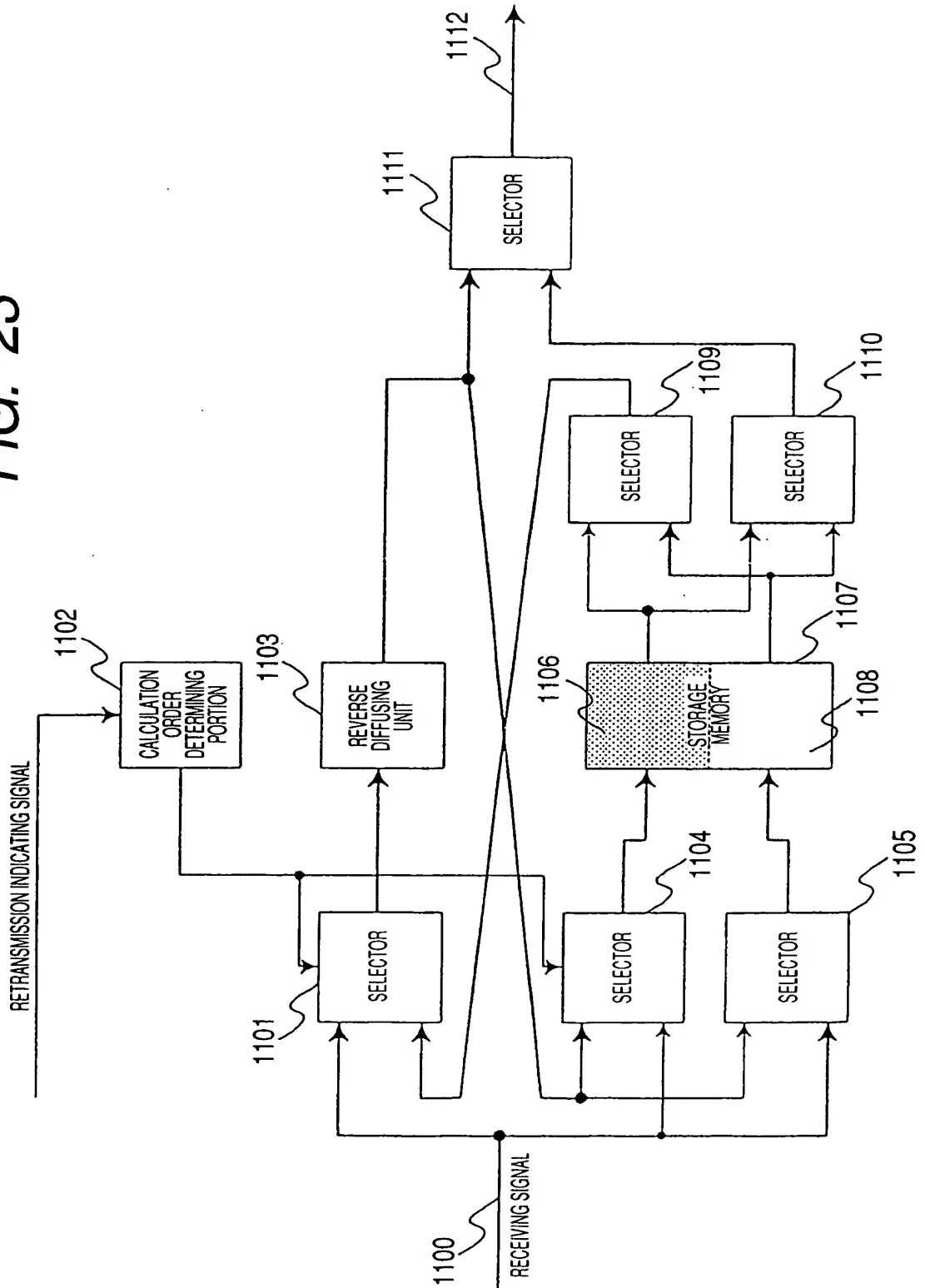
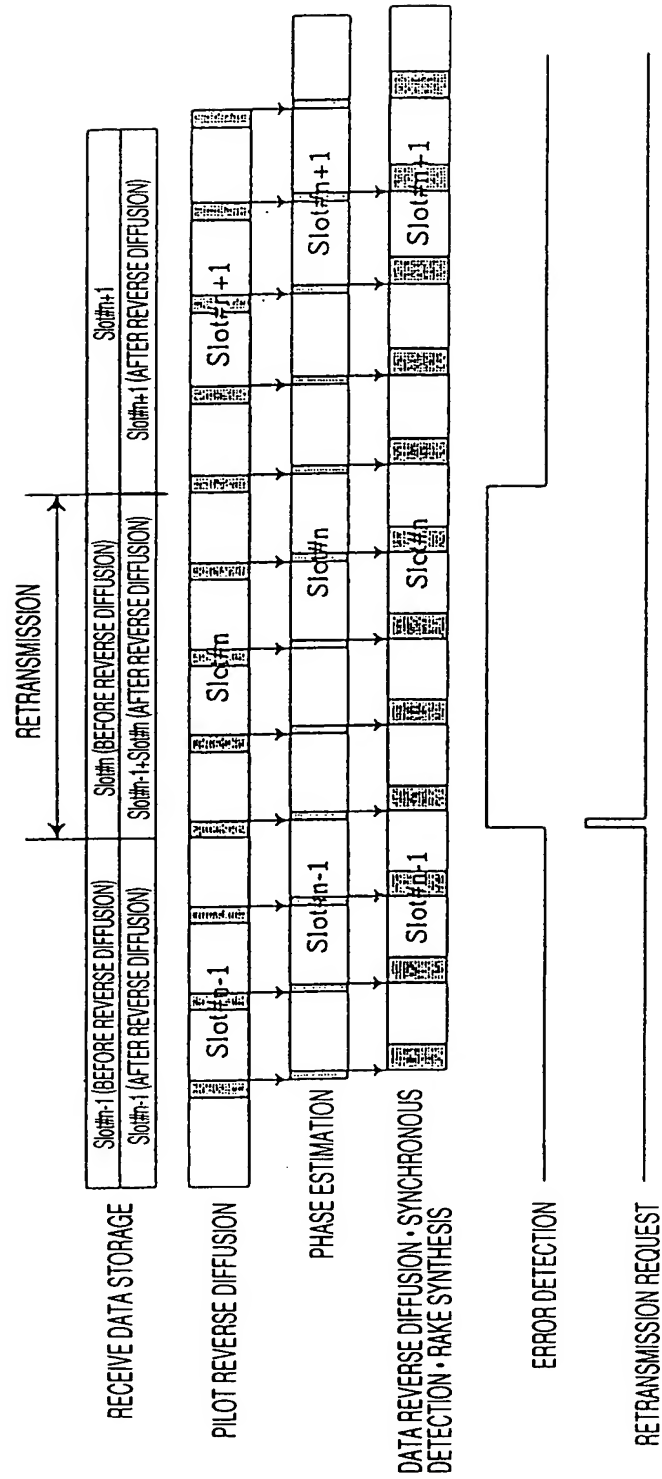


FIG. 24



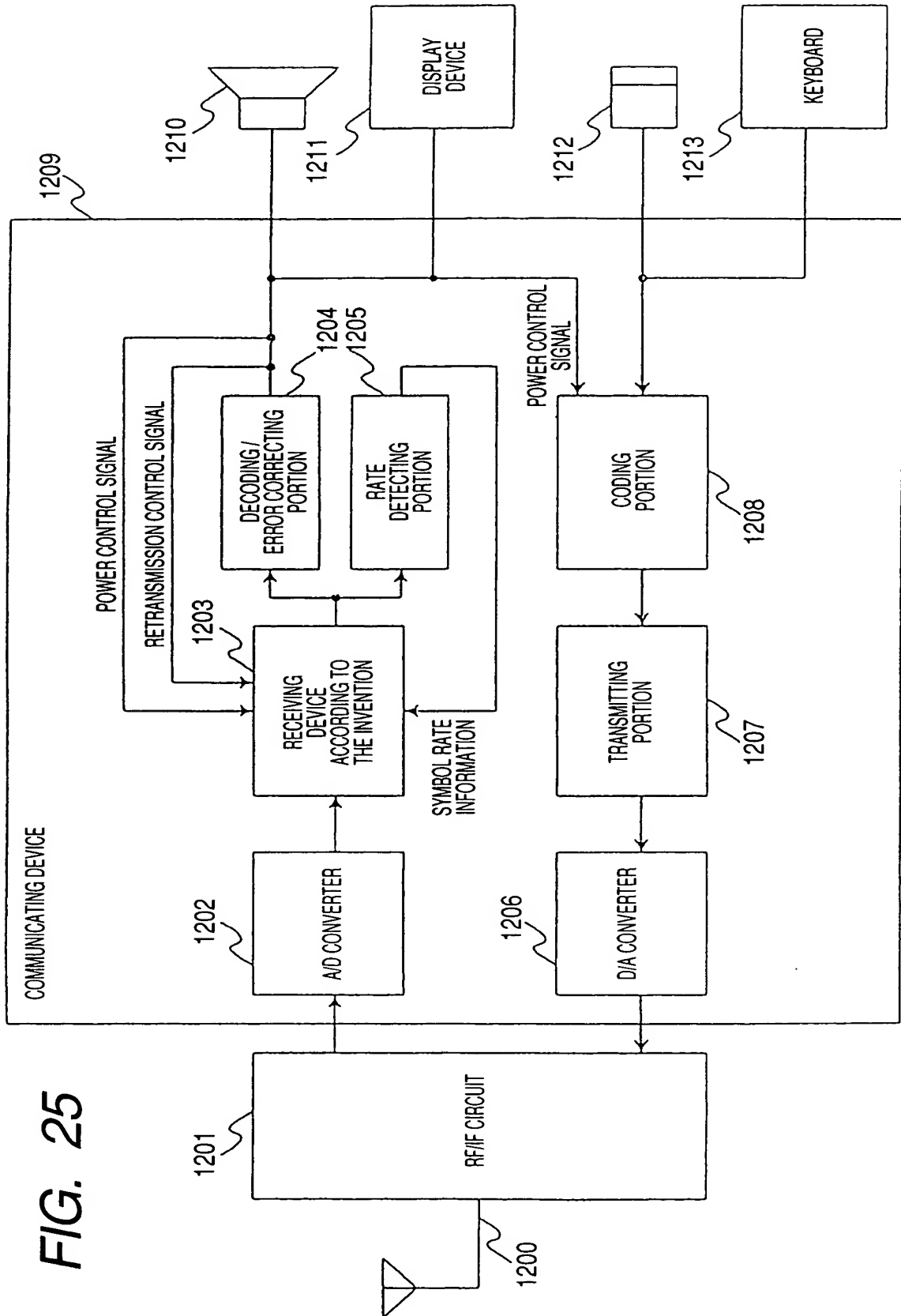


FIG. 25

FIG. 26

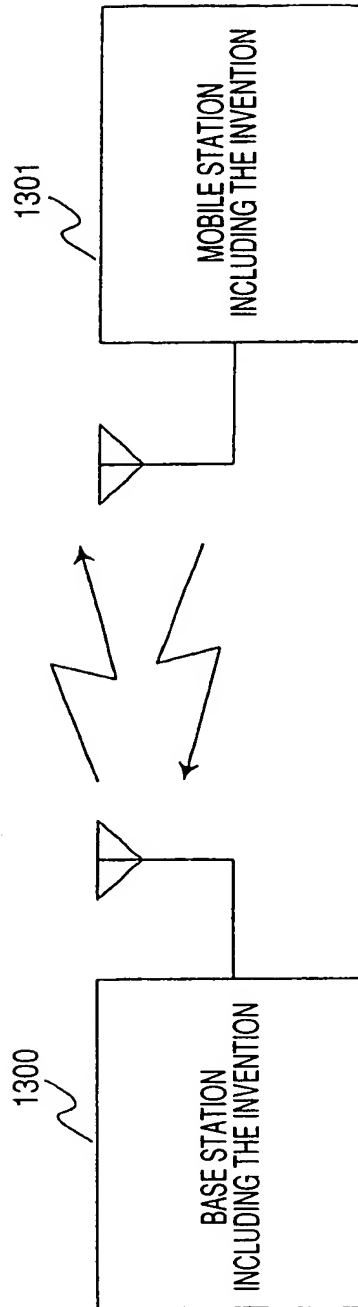


FIG. 27

<div><div><CONDITION></div><div><div>•W-CDMA METHOD</div><div>•NUMBER OF CHANNELS 15</div><div>•NUMBER OF RECEIVE DATA BITS 6</div><div>•NUMBER OF FINGER PASSES 12</div><div>•STORAGE TIME 1 SLOT</div><div>•DIFFUSION RATE 4</div></div></div>		
TOTAL NUMBER OF BITS OF MEMORY	CASE OF SYMBOL BUFFER AFTER REVERSE DIFFUSION	CASE OF RECEIVE DATA BUFFER
	<div>6(NUMBER OF INPUT BITS)</div> <div>x5(AMPLIFICATION INCREASE RATE BY REVERSE DIFFUSION)</div> <div>x12(NUMBER OF FINGER PASSES)</div> <div>x(2560/16)(NUMBER OF SYMBOLS IN SLOT)</div> <div>x15(NUMBER OF CHANNELS)</div> <div>x2(IQ)</div> <div>=144000 BITS</div>	<div>6(NUMBER OF INPUT BITS)</div> <div>x(2560x4)(NUMBER OF SAMPLES IN SLOT)</div> <div>x2(IQ)</div> <div>=122880 BITS</div>

FIG. 28

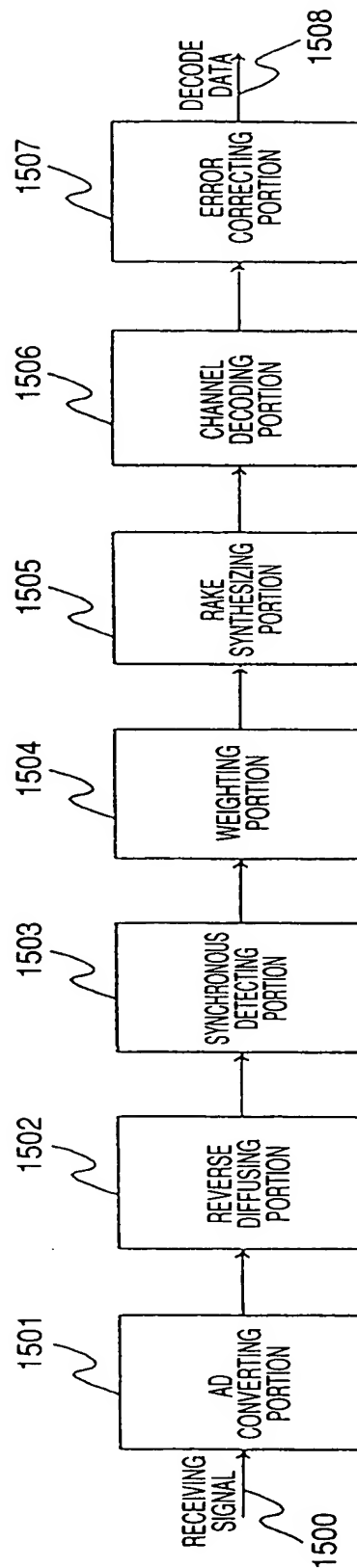


FIG. 29

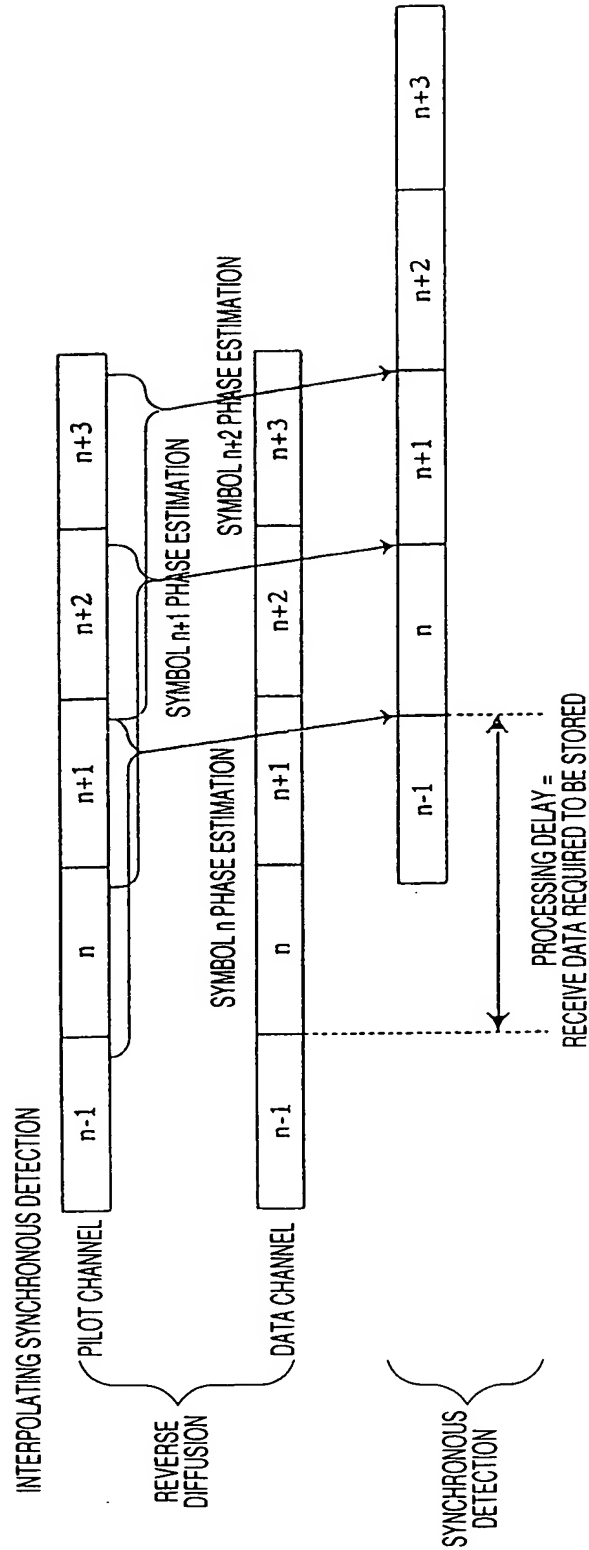


FIG. 30

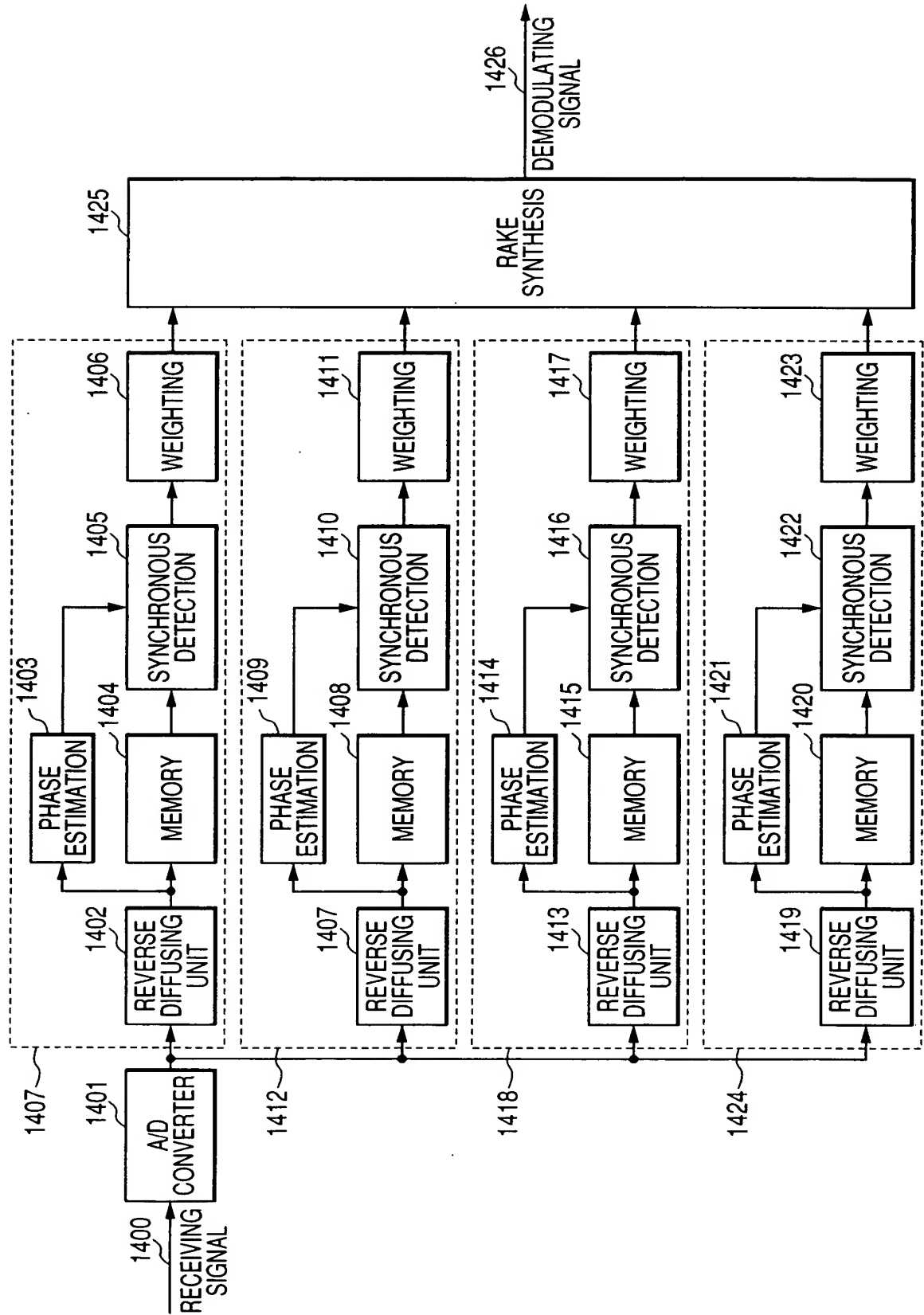


FIG. 31

